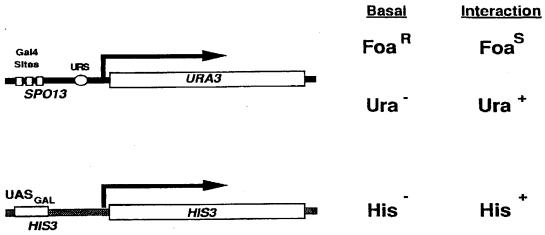
Page 1 of 25



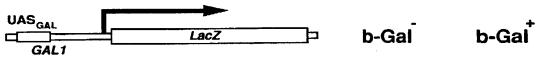
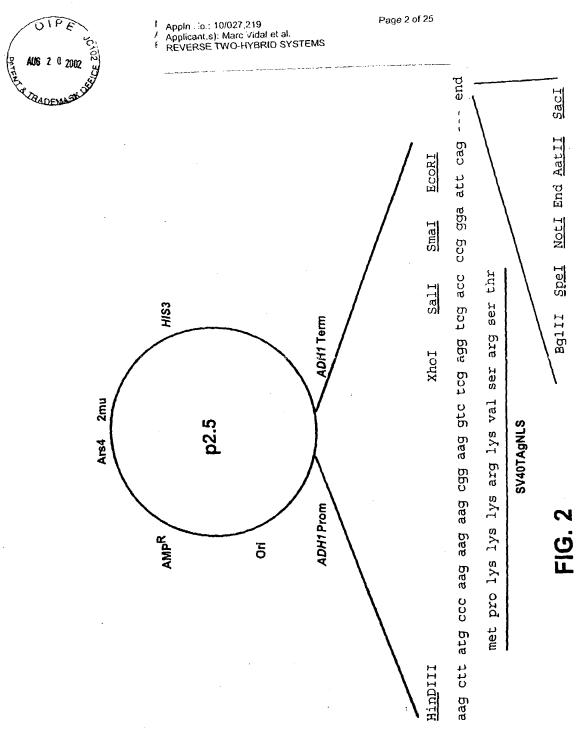
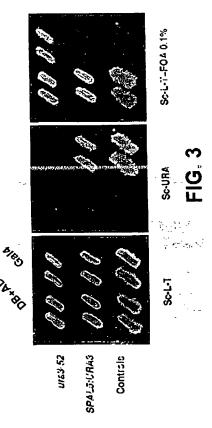


FIG. 1





Page 3 of 25





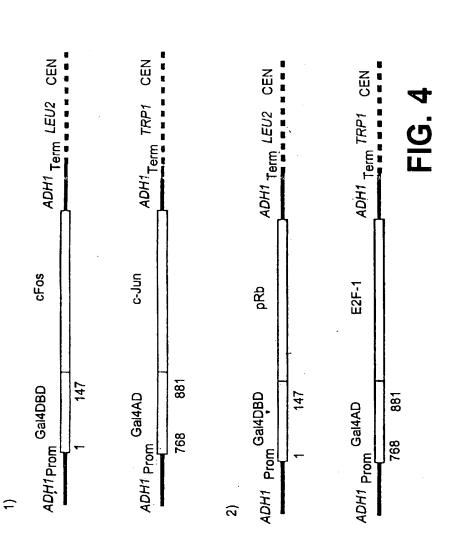
Sc-L-T-URA

Sc-L-T+FOA 0.2%



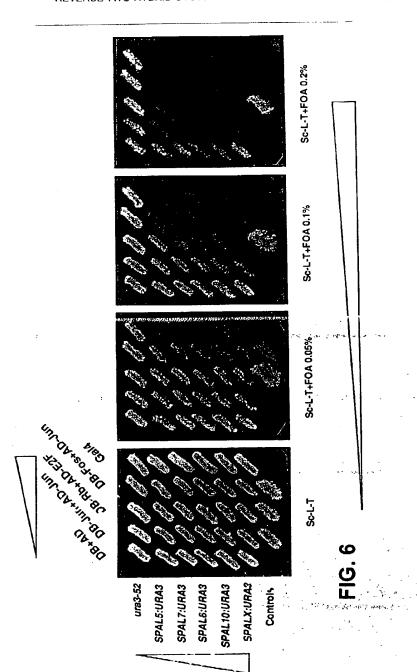
Appliction 17/027 219
Applicant(s): Marc Vidal et al.
PizzERSE TWO-HYBRID SYSTEMS

Page 4 o. 25



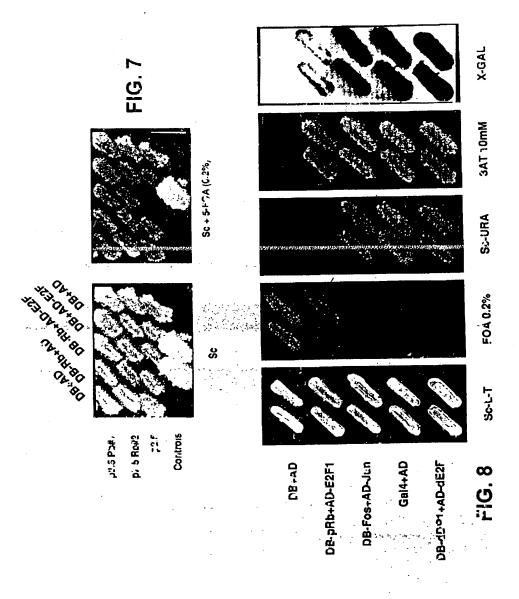


Page 5 of 25





Page 3 r. 25

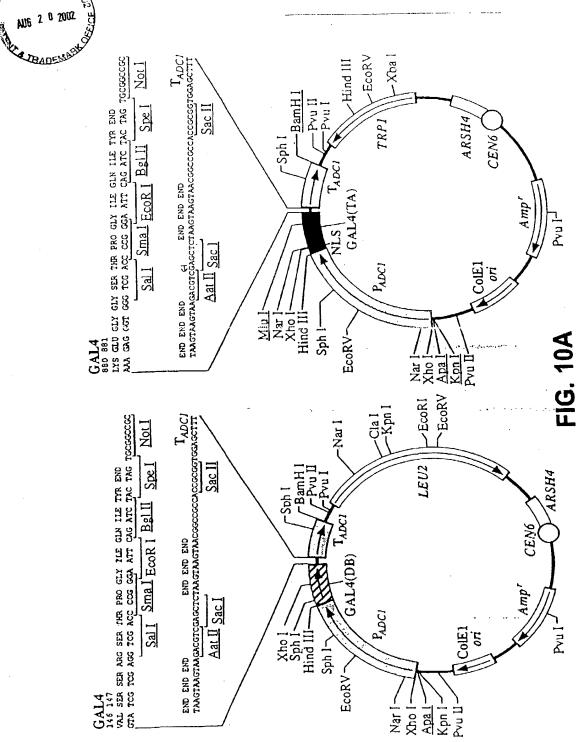


Appln No.: 10/027 219 Page 7 of 25 idal et al. BRID SYSTEMS CYH2^S TRP1 LEU2 CEN CEN **Transformation** MATα Trp transformants MATa Leu transformants Foa counterselection Mata non-activators Mato non-activators Cross His selection Leu Trp His diploids Ura, His 3AT, and βGal screens Cyh shuffling (Optional) Potential interactor pairs Systematic sequence analysis Organization on a grid of interactor pairs Recognition of specific DNAs of In vivo manipulation interest and their specific partner of the BCL by DNA/DNA hybridization FIG. 9

Applin No.: 10/027,219
Applin sent(sh: 1/src Vidal et al.
RETABLETSE TWO-HYBRID SYSTEMS

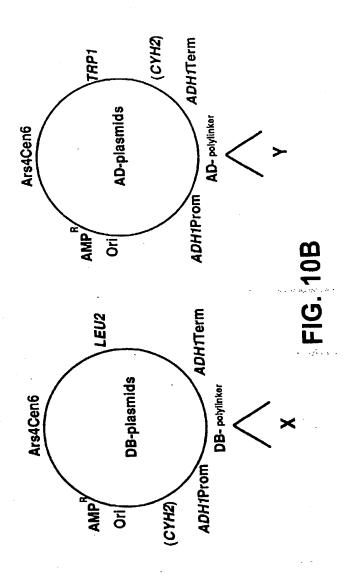
DIPE

Page 8 of 25





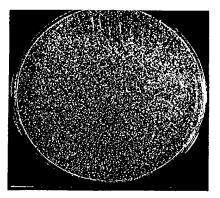
Page 9 of 25



MI6 2 0 2	जिस्स्य स्ट्रा स्ट्रिस			Applin No Applican REVERS	o.: 10/927 t(s): Marc SE TWO-	7,219 : Vidal et HYBRID	al. SYSTEN	//S	Pa	ge 10 of	25
TRADE	False positive					•					
	"Novel" interacting		2 4 5	<u>†</u>		8 4 5					
	Known interacting		0	6		0			0		FIG. 11
	Retested	0	o	7	0	&	16	16	23	23	
	His+	, T-	61	7	8	8	8	88	8	&	
	Total	1x10 ⁶	5x10 ⁵	2x10 ⁵	1x10 ⁶	1x10 ⁶	1x10 ⁶	1x10 ⁶	3x10 ⁶	1x10 ⁶	_
	X-8C	None	p130	DP1	pRb	p35	сркз	сркз	DCC1	Zebu	-



Fage 11 of 25



Sc·L

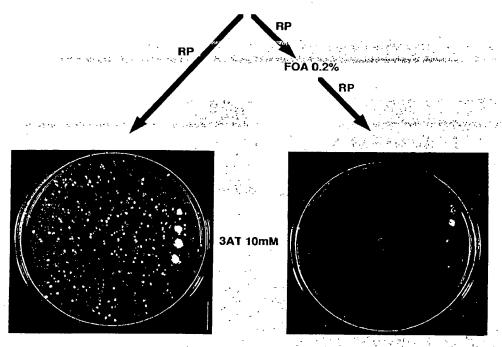
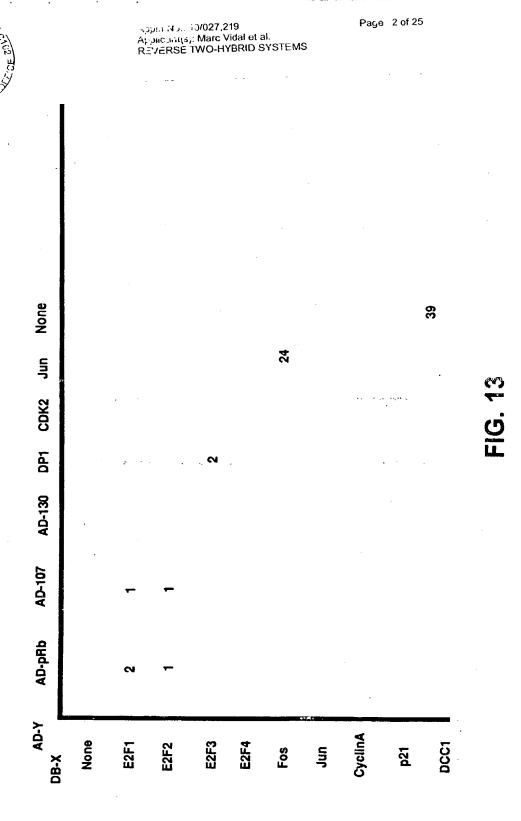
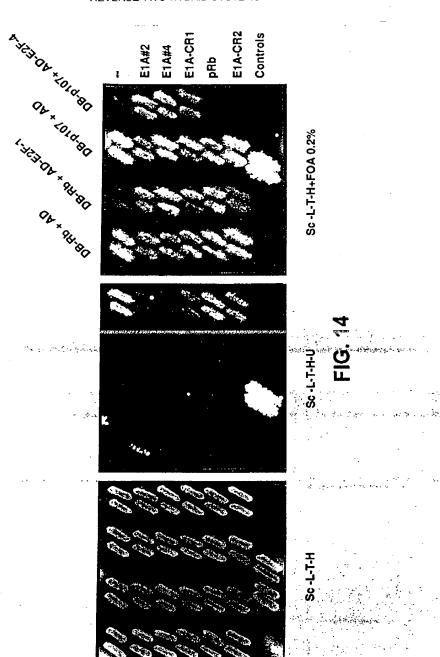


FIG. 12



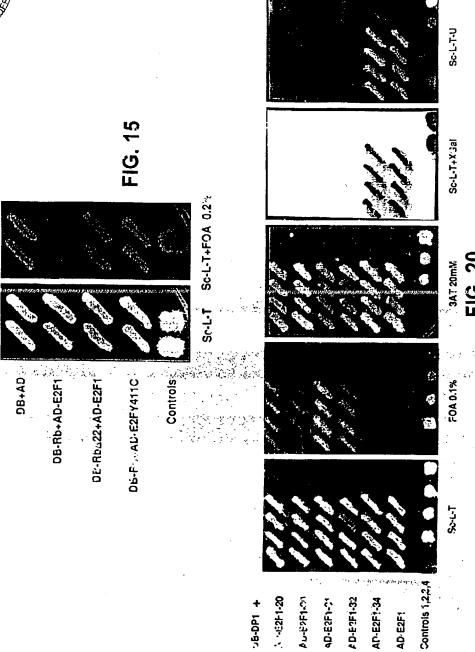
Page 13 of 25



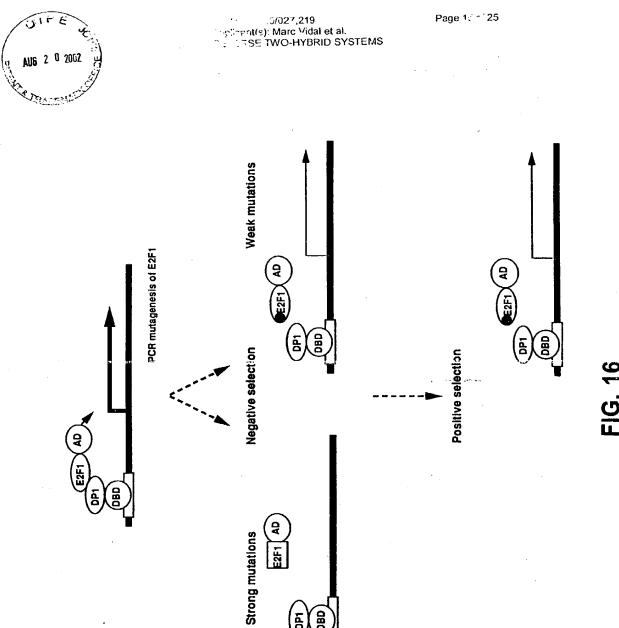






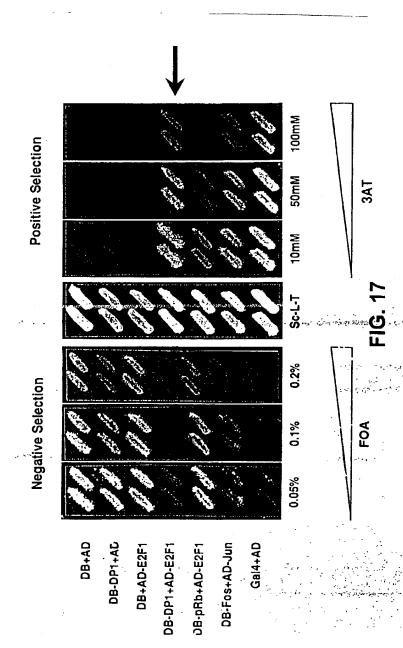


Apple No : 19/027,219
Applies o(g) ward /foat et al.
REVERest of / 2-4 : &RID SYSTEMS





Page 16 of 35



Page 17 of 25



Apply the COTIZATION

Apply the Apply that all REVERCE TWO MYBRID SYSTEMS

PCR reaction

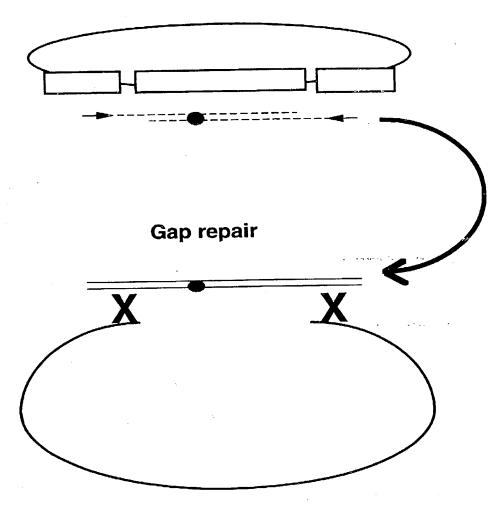
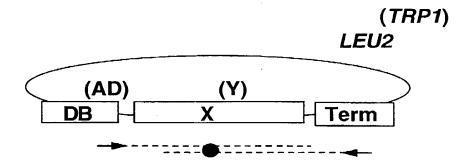


FIG. 18A



Page 18 of 25

In vitro mutagenic PCR reaction



In vivo gap repair

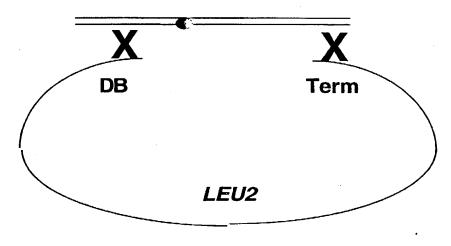


FIG. 18B

Page 19 of 25





3AT 10mM 2nd step 1st step

Appln No.: 10/027,219 Applicant(s): Marc Vidal et al. REVERSE TWO-HYBRID SYSTEMS

Pag€ 27 of 25

1-20 1-30 1-32 1-31

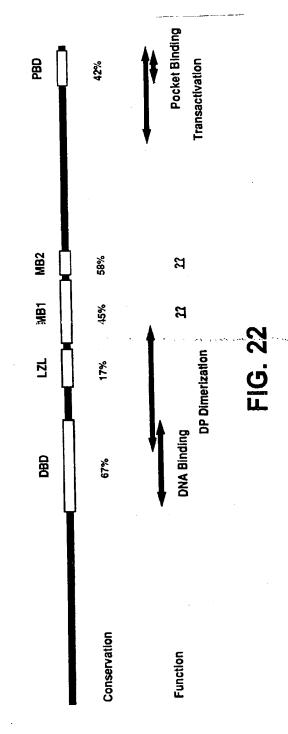
Nopin Fig.: 10/027,219 / pplicastis): Marc Vidal et al. REVERSE TWO-HYBRID SYSTEMS



	E2F5 E2F4 E2F3 E2F2 E2F1	E2F1 E2F1 E2F1 E2F1	
MARKED BOX 2	$^{\circ}_{2}$ 지지미미미	:	7
	ZZqqq	•	5
	_>000		Ċ
	>>>>>		
	тшшшО	Ø	
		. 2 m € 1 € €	
	ወ ወ ወ ወ ወ		
	७७७७ ७	•	
	00000	<u> </u>	
	エ>FFY		
	တ တ တ တ တ		
	ス スタスス	2 2 3	
	ヱェェ ≻の	1	
		⊢ ⊢ Z	



Page 21 of 25



BY SE SOUTH

Appln No.: 10/027,219 Applicant(s): Marc Vidal et al. REVERSE TWO-HYBRID SYSTEMS Page 22 of 25

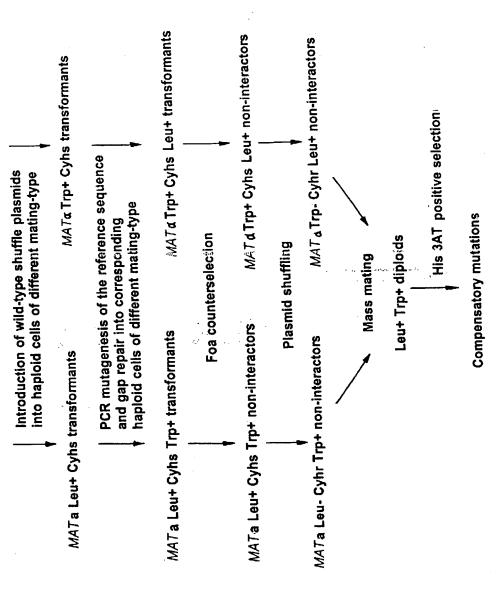
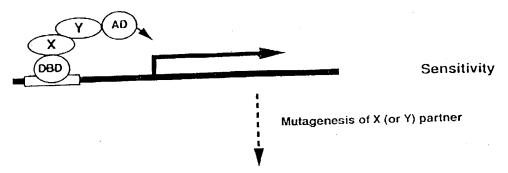


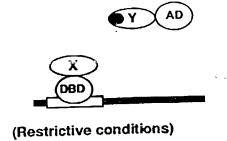
FIG. 23A



Page 23 of 25



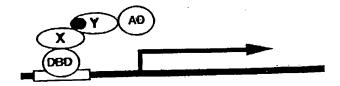
SELECTION for Foa Resistance





SELECTION for Ura/His growth

FIG. 23B



(Permissive conditions)

NIP E CONTROLLED

Appin No.: 10/027,219 Applicant(s): Marc Vidal et al. REVERSE TWO-HYBRID SYSTEMS Page 24 of 25

